

Carbon & Its Compounds

Class- VIII

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Fill in the blanks by choosing the correct option:

1. An element with atomic number 6 and has got ability to form large number of compounds _____ (boron/ carbon)
2. Hydrocarbons are the compounds made up Carbon & _____ (nitrogen /hydrogen)
3. Oxides of carbon are _____ compounds. (organic / inorganic)
4. In free state carbon occurs in the form of a shiny material called _____ (diamond / graphite)
5. In CaCO_3 carbon occurs in _____ state. (free/ combined)
6. The ability of an element to exist in more than one physical form is termed as _____ (molecularity/ allotropy)
7. Allotropes have _____ physical properties but _____ chemical properties. (Similar /different).
8. Fullerene is _____ form of carbon. (crystalline/ amorphous)
9. Coal is _____ form of carbon. (crystalline/ amorphous)
10. Buckminster fuller (C_{60}) has _____ carbon atoms in its sphere. (30/ 60/ 90)